

1/9

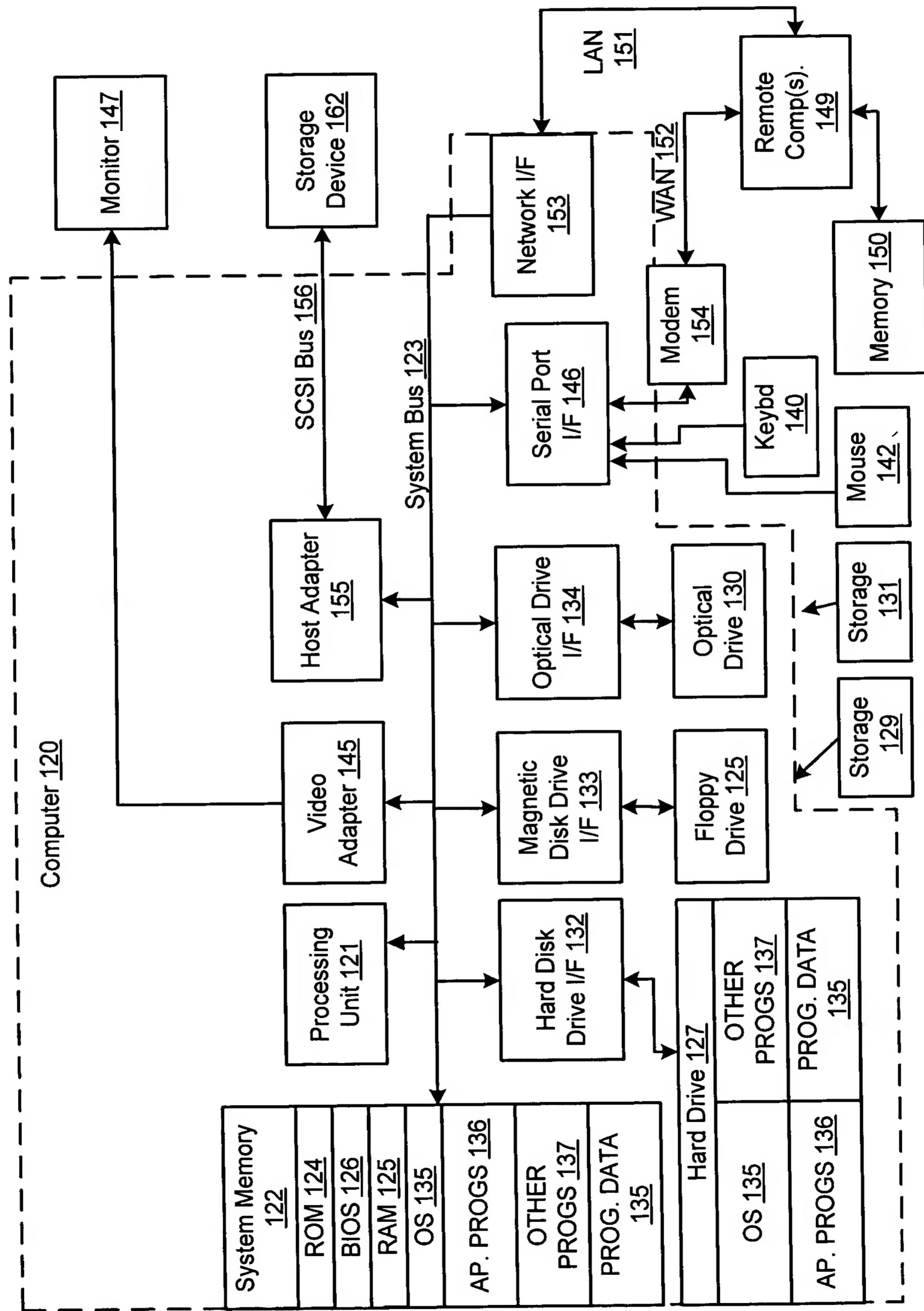
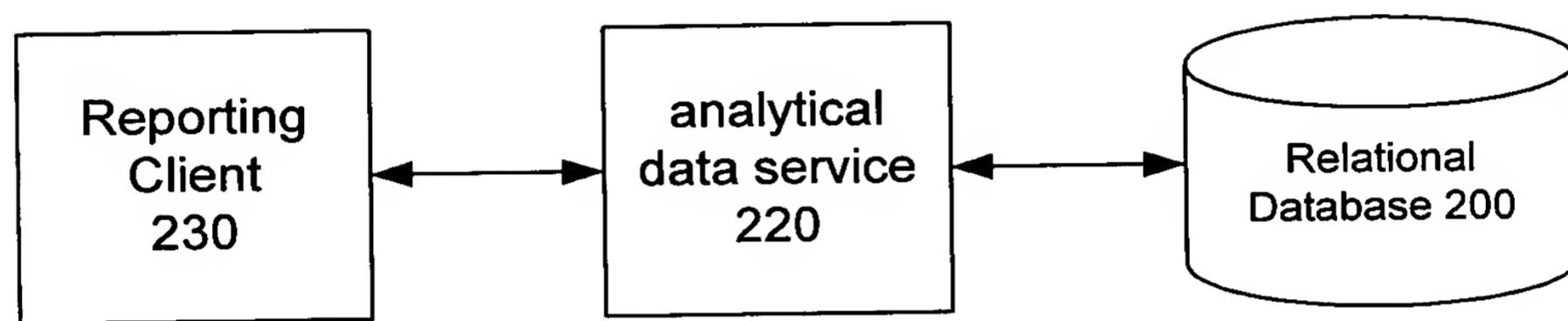


Fig. 1

2/9

Fig. 2



3/9

Fig. 3

Sales 300			
Customer ID	Country	Month	Sales Amount
310	320	330	340
1	Mex	Jan	1.00
1	Mex	Feb	3.00
1	Mex	March	5.00
2	Mex	Jan	2.00
2	Mex	Feb	4.00
2	Mex	March	6.00
1	Can	Jan	6.00
1	Can	Feb	4.00
1	Can	March	2.00
2	Can	Jan	5.00
2	Can	Feb	3.00
2	Can	March	1.00

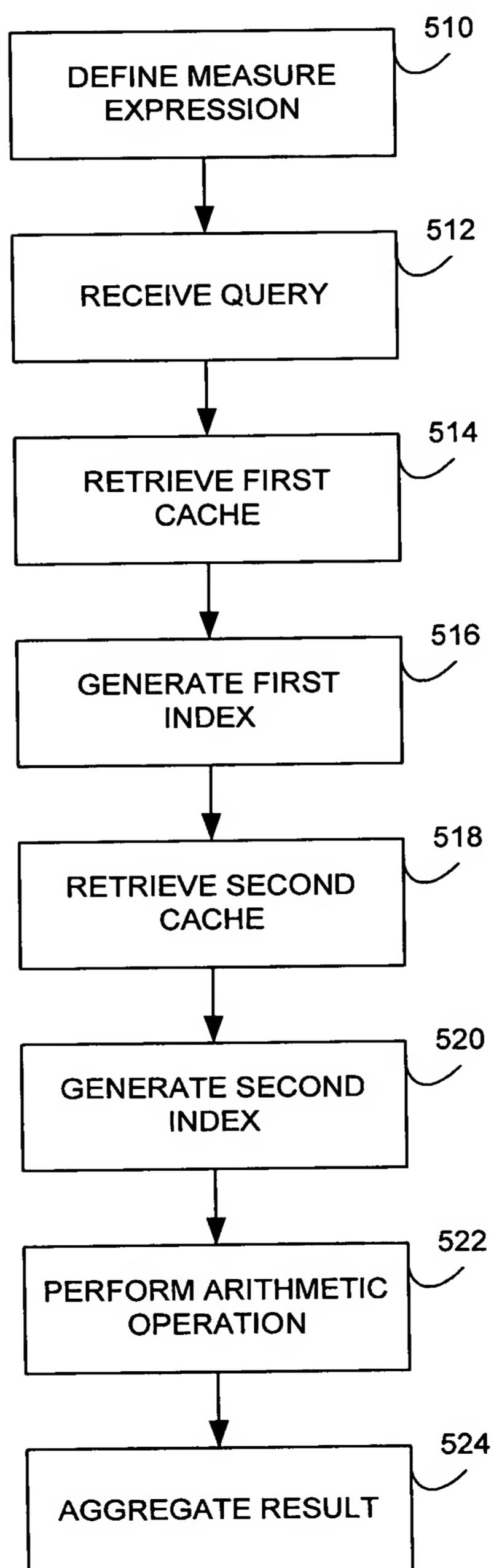
4/9

Fig. 4

Exchange 400		
Country 410	Month 420	Exchange Rate 430
Mex	Jan	1.5
Mex	Feb	1
Mex	March	2
Can	Jan	2
Can	Feb	1
Can	March	1.5

5/9

Fig. 5



6/9

Fig. 6

First Cache 600			
Customer ID 610	Country 620	Month 630	Sales Amount 640
1	Mex	Jan	1.00
1	Mex	Feb	3.00
1	Mex	March	5.00

7/9

Fig. 7

First Index 700		
Country 710	Month 720	Sales Amount 730
Mex	Jan	1.00
Mex	Feb	3.00
Mex	March	5.00

8/9

Fig. 8

Second Cache 800		
Country 810	Month 820	Exchange Rate 830
Mex	Jan	1.5
Mex	Feb	1
Mex	March	2

9/9

Fig. 9

Calculation 900				
Country	Month	Sales Amount	Exchange Rate	US Sales
910	920	930	940	950
Mex	Jan	1.00	1.5	\$1.50
Mex	Feb	3.00	1	\$3.00
Mex	March	5.00	2	\$10.00
TOTAL FOR FIRST QUARTER				\$14.50